

DEPARTMENT OF THE ARMY
Omaha District, Corps of Engineers
106 South 15th Street
Omaha, Nebraska 68102-1618

:NOTICE: Failure to acknowledge : Solicitation No. DACW45 02 B 0008
:all amendments may cause rejec- :
:tion of the bid. See FAR : Date of Issue: 19 March 2002
:52.214-3 of Section 00100 : NEW Date of Opening: 02 May 2002

Amendment No. 0001
09 April 2002

SUBJECT: Amendment No. 0001 to Specifications and Drawings for Construction of
Emergency Streambank Protection (Section 14), West Nishnabotna River,
Mills County, IA.

Solicitation No. DACW45 02 B 0008.

TO: Prospective Bidders and Others Concerned

1. The specifications and drawings for subject project are hereby modified as follows (revise all specification indices, attachment lists, and drawing indices accordingly).

a. Specifications. (Descriptive Changes.)

(1) Page 00010-1, delete date and time of bid opening shown and substitute "02 May 2002" at "2:00 pm".

(2) Section 01200 Page 5, paragraph 1.9, under SD-02 Shop Drawings: add

"Completion Report River Stabilization Structures, MRD Form 701; FIO

The contractor shall complete a separate MRD Form 701 for each structure that is constructed or modified under this contract. Progress payments in the amount of \$5,000.00 will be withheld from the contractor pending acceptable completion and delivery of such form. The Contracting Officer's Representative will supply the contractor with MRD Form 701 at the Preconstruction Meeting. An information copy is attached to this section."

(3) Section 01200, add the attached Form 701 to the end of the section.

(4) Section 02000 Page 4, paragraph 3.2.1, delete the limits table and substitute the following;

"Limits of Stone Weight

Percent Lighter by Weight %	Weight in Pounds (lbs)		Size in Approx. Spherical Diameter (in)	
	Maximum	Minimum	Maximum	Minimum
100	169	67	15	11
50	50	34	10	9
15	25	11	8	6 "

(5) Section 02000 Page 6, delete paragraph 3.4.3 and substitute the following:

"3.4.3 Soundness in Freezing and Thawing

The test for freezing and thawing shall consist of \-AASHTO T 103-\, Ledge Rock Method, Procedure C, modified as indicated below. The average loss at 50 cycles for five (5) test specimens shall not exceed 10.0 percent and maximum loss of any one specimen of the five shall not exceed 35.0 percent. The average number of "pieces" remaining in each of the five test specimens at the end of the test shall not exceed three (3) and maximum number of pieces remaining in any one specimen shall not exceed four (4). "

(6) Section 02210 Page 2, paragraph 1.1, delete the listing for "ASTM D 1557" in its entirety and substitute the following:

"ASTM D 698 (1991; R 1998) Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft-lbf/cu. ft. (600 kN-m/cu. m.))"

(7) Section 02210 Page 2, paragraph 1.2.4, line 2, delete "ASTM D 1557" and substitute "ASTM D 698".

(8) Section 02210 Page 3, delete paragraph 2.1.1 and substitute the following:

"2.1.1. SELECTION OF BORROW MATERIAL

Borrow materials shall be obtained from the borrow areas shown. Borrow materials shall be subject to approval. Borrow material from areas shown may be obtained without payment of royalties. "

(9)Section 02340 Page 2, add the following new paragraph:

"3.3 PLACEMENT

3.3.1 Riprap

Riprap shall be placed on the bedding material within the limits shown on the drawings or as directed by the Contracting Officer's Representative. Riprap stone shall be placed in such manner as to produce a reasonably well-graded mass of rock with the minimum practicable percentage of voids. Riprap shall be placed to its full course thickness in one operation and in such manner as to avoid damage to the bedding material and to minimize segregation of the riprap. The larger stones shall be well distributed and the entire mass of stones in their final position shall be roughly graded to conform to the gradation specified. The finished riprap shall be free from objectionable pockets of small stones and clusters of larger stones. Placing riprap in layers will not be permitted. The desired distribution of the various sizes of stones throughout the mass shall be obtained by selective loading of the material at the quarry or other source; by controlled dumping of successive loads during final placing and placement. All stone shall be placed by means of clam, orange peel, or skip box. However, zero drop height placement procedures are to be utilized for riprap stone to avoid displacing or damaging the underlying bedding. Dumping of stone at the top of slopes and rolling or pushing into place will not be permitted. Manipulating or moving stone at any time prior to placement by means of dozers or other blade equipment will not be permitted. Rearranging of individual stones by

mechanical equipment or by hand will be required to the extent necessary to obtain a reasonably well graded distribution of stone sizes as specified above.

3.4 PROTECTION

The Contractor shall maintain the riprap stone until accepted and any material displaced by any cause shall be replaced at his expense to the lines and grades shown on the drawings."

b. Specifications (Deleted). Delete specification pages as noted below. These pages are no longer part of the project specification.

Pages Deleted

SECTION 01040: AS-BUILT DRAWINGS

c. Drawings (Not Reissued). The following drawing sheet is revised as indicated below with latest revision date of 09 Apr 2002. This drawing is not reissued with this amendment.

(1) Sheet 3, see Stone Toe Revetment detail, delete leader note reading "Reshape With Backfill" and substitute "Reshape With Existing Backfill Then Use Borrow Material."

d. Drawing (New). The following new drawing sheet is added with latest revision date of 09 April 2002, and issued with this amendment.

(1) Sheet 4.

2. This amendment is a part of the bidding papers and its receipt shall be acknowledged on the Standard Form 1442. All other conditions and requirements of the specifications remain unchanged. If the bids have been mailed prior to receiving this amendment, you will notify the office where bids are opened, in the specified manner, immediately of its receipt and of any changes in your bid occasioned thereby.

a. Hand-Carried Bids shall be delivered to the U.S. Army Corps of Engineers, Omaha District, Contracting Division (Room 301), 106 South 15th Street, Omaha, Nebraska 68102-1618.

b. Mailed Bids shall be addressed as noted in Item 8 on Page 00010-1 of Standard Form 1442.

3. Bids will be received until 2:00 p.m., local time at place of bid opening, 02 May 2002.

Attachments:

Spec Pages listed in 1.a above
Dwgs. listed in 1.d. above

U.S. Army Engineer District, Omaha
Corps of Engineers
106 South 15th Street
Omaha, Nebraska 68102-1618

09 Apr 2002
MFS/4411

CORPS OF ENGINEERS

ROOT	Sta.	TYPE CONSTRUCTION	Total Length of Structure	Sta.	TERMINAL
Standard <input type="checkbox"/>		<i>Pile Data Above Line</i> <i>Stone Data Below Line</i>			End Sta. _____
Special * <input type="checkbox"/>					No. Pile _____
Beginning Station _____					Pile Elev. _____
Length _____					Stone Elev. _____
Top Elev. _____					MARKER CLUMP
					Sta. _____
					Elev. _____

* See Sketch, Reverse Side

Elev. Root _____ Terminal _____

C.R.P. _____

Started _____ Completed _____ Contract No. _____ Contractor _____ H. L. Work Order No. _____ H. L. Allocation No. _____ New Work <input type="checkbox"/> Repair <input type="checkbox"/>	REMARKS: _____ _____ _____ _____ _____ _____ _____ _____	COMPLETION REPORT RIVER STABILIZATION STRUCTURES Str. No. _____ Bank _____ Location _____ Date of Report _____
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(Continue on Reverse.)

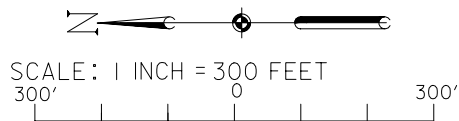
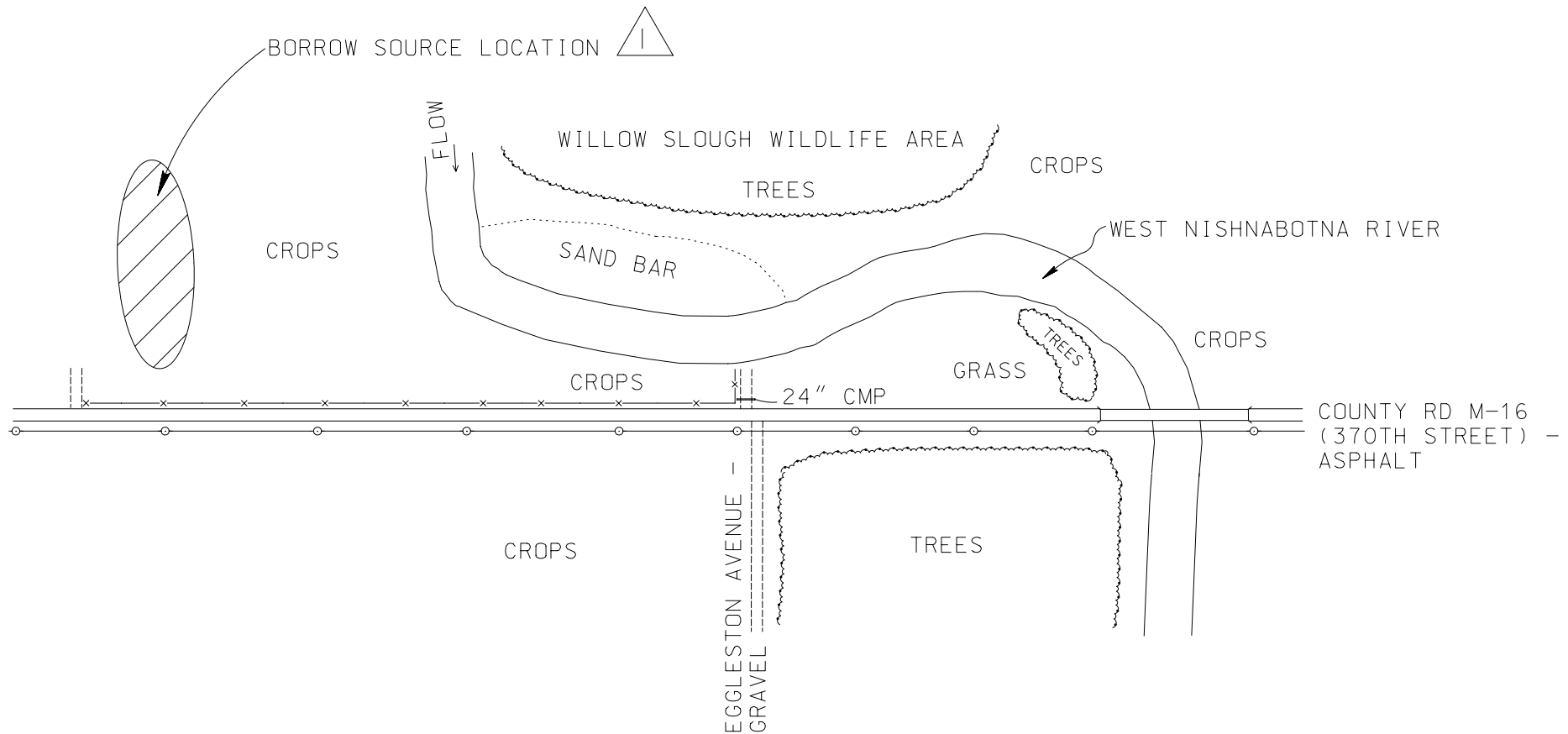
INSTRUCTIONS

1. Separate forms are to be made for each dike or revetment construction, point or structure removal. Separate forms are also to be used to differentiate between New Work and Maintenance.
2. Show type, strength, penetration, elevation, crown, length, etc. for each item of work on the ruled lines on the upper 1/3 of report.
3. Graph. -- Use to show condition prior to and after construction, elevations, and C.R.P. For revetment show profile of bottom of excavated trench and top of upper slope stone fill.
4. Under Remarks. -- Indicate any peculiarities of the structure. Explain deviations from authorized work.
5. Show quantities, unit price, cost for each item of work, and total cost in chart below (Hired Labor, use direct cost).

CONSTRUCTION COST

Type of Work	Quantity	Unit Price	Extended Cost
TOTAL CONSTRUCTION COST			

REVISIONS	SYMBOL	DESCRIPTIONS	DATE	APPROVED
		NEW SHEET	4/9/02	



Sheet No.	Computer File:	Spec. No.
	SHEET 4.DGN	DACW45-02-B-0008
	Date:	Contract No.
	X	DACW45-00-00xx
	Drawing Code:	PUBDATA\RICKP\X



U S ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

EMERGENCY STREAMBANK PROTECTION (SECTION 14)
WEST NISHNABOTNA RIVER, COUNTY ROAD M-16 MILLS COUNTY, IOWA
BORROW SOURCE LOCATION MAP

Submitted by:

Chief SED. & CHAN. STAB. Section

Designed by:	Checked by:
R.G.P.	J.I.R.
Reviewed by:	Drawn by:
J.I.R.	R.G.P.